

VBA For Excel Training

This VBA for Excel training course is designed to give a good working knowledge of Visual Basic for Applications – concentrating on Microsoft Excel. The Visual Basic for Applications content of the course can be applied to other Microsoft Applications.

Objective

Upon completion of this course, delegates will know how to:

- Create and edit Macros.
- Use and understand VBA code.
- Link and combine spreadsheets and other Office applications.
- Set up advanced automation features.

Details

Duration: 1 Day

Course PreRequities

Before attending our VBA for Excel Training course you must have attended our [Advanced Excel Course](#) or have equivalent experience.

Course Content

Creating Record Macros

- Recording & running Macros
- Macros Dialog Box
- Editing a Macro with Visual Basic

Visual Basic Editor

- Objects, Methods, Properties
- Programming Tools
- The Menu Bar

Running Code

- Run mode and Design mode
- Running Code from the development environment & the host application

The Project Explorer

- Using the Project Explorer

The Properties Window

- Changing a Property

Using Constants

- Excel & Variable Constants

Excel Objects

- Objects, Properties and Methods
- Getting & Setting Properties
- Calling Methods
- Passing Arguments
- Singular Objects & Collections of Objects

Variables

- Dimensioning a variable
- Using variables in routines
- Object Variables

Using Visual Basic Functions

- InputBox Function
- MsgBox Function
- Using a Set Statement

Building Formula Control Structures

- If...Then Decision Structures
- Logical Operators
- Select Case Decision Structures
- Case Else
- Comparison Operators with Select Case Structure
- For... Loops & Do Loops
- While...Wend Statement

UserForms

- Designing & Creating Forms
- Working with Controls
- Creating Custom Dialog Boxes
- Userform Properties Methods & Events

Event Handling

- VBA Editing & Debugging
- Auto Macros
- Error Handling